

PINK BOLLWORM PROGRAM – WEEKLY REPORT

36 YEARS OF SERVICE TO COTTON GROWERS



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Pink Bollworm Activities

Palo Verde and Imperial Valleys:

Native pink bollworm catches were up slightly (12%) in the Blythe/Palo Verde Valley area this week, while Imperial Valley trap catches were down (16%) compared to last week. Trap recaptures from the "Highway Lines" were up 56%, indicating that movement of pink bollworm moths into the Imperial Valley from cotton in Mexico is still going on. The 5th in-field generation is now predicted to occur on 10/21 in the Palo Verde Valley and was realized on 10/04 in the Imperial Valley. Agricultural Pest Control Specialist, Jodi Brigman, and Agricultural Technician II, John Nelson, have been collecting bolls required for *Bt* resistance monitoring.

San Joaquin Valley:

Only 11 native pink bollworm moths were trapped this week compared with 20 last week and 31 during the previous week. This brings the season total to 92. The sharp decrease is most likely due to the severe drop in nighttime temperatures, which declined to the lower 50's in many areas. This is low enough to make the moths inactive and unresponsive to the pheromone traps. Unless there is a dramatic change in the weather, only progeny from the 2nd field generation will develop sufficiently to enter diapause and over-winter, with the exception of southern Kern County.

This was the final week of sterile moth releases; 13.9 million moths were released this week. The grand total for the season is 281,040,424. The last day of release was October 4.

Sacramento Valley:

The traps are in place in the four cotton-growing counties and will be serviced and removed in two weeks. Trap totals for these counties are as follows: Colusa County 52; Glenn County 20; Sutter County 14 and Yolo County 1.